

THE CLAIMS DEFINING THE INVENTION ARE AS FOLLOWS:

1. A security screw having a head portion and a threaded shank portion, and a complementary washer which fits on the screw and has an upstanding collar portion which, in use, surrounds the head portion to prevent access to the periphery of the head portion with tools for unscrewing the screw, the screw head portion having a circular profile about the axis of the shank portion and a smooth exposed surface without any tool engagement slots or discontinuities such that torque may be applied to the screw through a driving tool having a screw engagement portion the exterior profile of which is circular and substantially of the same diameter as the head portion of the screw and an interior profile which is at least in part complementary to a portion of the profile of the smooth exposed surface.
2. A security screw arrangement as defined in claim 1 wherein the smooth exposed surface is dome-shaped.
3. A security screw arrangement as defined in claim 1 wherein the smooth exposed surface has a smoothly rounded shoulder defining an edge surface portion and the shoulder is adapted to be engaged frictionally by a concave complementary portion of the driving tool.
4. A security screw arrangement as defined in claim 1 wherein the exposed surface of the head portion includes a recess of a symmetrical configuration and disposed coaxial with the threaded shank portion.
5. A security screw as defined in any one of the preceding claims wherein the washer has an inner edge portion adapted to extend axially above the top of the exposed surface of the screw and the washer is of a relatively hard material to resist cutting of the washer.
6. A method of installing or connecting components using a screw in a manner to resist unscrewing, the method comprising using a security screw and washer as defined in any one of the above claims and using a driving tool to

apply torque to the screw by entering engagement of a friction drive surface of the driving tool which is at least in part shaped complementary to a portion of the smooth exposed surface of the head portion of the screw.

5           7. A security screw comprising a threaded shank portion and a head portion, the head portion being characterised by having a circular profile about the axis of the shank portion and a smooth exposed surface without any tool engagement slots or discontinuities.

10           8. A security screw as defined in claim 7 wherein the exposed surface of the head portion is in the form of a dome-shaped crown.

          9. A security screw as defined in claim 7 wherein the screw is manufactured from 316 or 304 stainless steel.

15           10. A driving tool for a predetermined security screw of the type comprising a threaded shank portion and a head portion, the head portion of the security screw being characterised by having a circular profile about the axis of the shank portion and a smooth exposed surface without  
20 any tool engagement slots or discontinuities, the driving tool comprising a shank portion adapted to be rotated by a suitable implement and a head engaging portion incorporating a friction drive surface which is coaxial with the shank portion, the friction drive surface being  
25 configured to fit over the head portion of the screw so as to provide a friction drive between the head engaging portion and the security screw when the driving tool is rotated by the implement.

30           11. A washer being adapted to locate under a head portion of a screw, the washer comprising an upstanding collar portion which is adapted to surround the head portion of the screw thereby preventing access of a tool to a peripheral portion of the head portion of the screw.

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